

PATENT APPLICATION

Attorney Docket No. 211843/00022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas N. Horsky

Application No.: 10/183,768

Filed: June 26, 2002

For: Electron Impact Ion Source

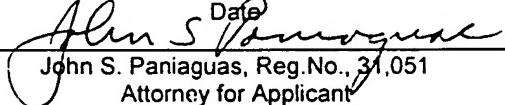
Group Art Unit: N/A

Examiner: N/A

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Office, with sufficient postage, via first class mail to the Commissioner for Patents, Washington, D.C. 20231.

9-30-02

  
John S. Paniaguas, Reg. No., 31,051  
Attorney for Applicant

**RESPONSE TO NOTICE TO FILE MISSING PARTS WITH PETITION  
FOR EXTENSION OF TIME**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated August 2, 2002, enclosed are:

1.  A copy of the Notice to File Missing Parts. (*Required*)
2.  An executed Declaration for Patent Application.
3.  Power of Attorney by Assignee of the Entire Interest.
4.  Recordation Form Cover Sheet, Assignment and \$40 recording fee.

## 5. Fee Calculation:

CLAIMS AS FILED – INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		LARGE ENTITY	
-	NO. FILED	NO. EXTRA	RATE	Fee	RATE	Fee
BASIC FEE				\$355.00		\$710.00
TOTAL (No. of claims - 20=)			X \$9.00		X \$18.00	
INDEP. (No. of claims - 3=)			X \$40.00		X \$80.00	
Assumed no multiple dependent claims - <input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ \$135.00		+ \$270.00	
<i>Filing Fee =</i>			\$		\$	

## 6. Surcharge:

- (X) Surcharge under 37 C.F.R. §1.16(e) (*Nonprovisional Application*).  
(X) \$65.00 (*Small Entity*) ( ) \$130.00 (*Large Entity*)  
(X) A check in the amount of \$65.00 to cover the Surcharge Fee is enclosed.

## 7. Petition for Extension of Time:

Applicant(s) hereby petition(s) under 37 CFR §1.136(a) for an extension of time for reply in the above-identified application for the period required to make the accompanying reply timely, or, if there be no accompanying reply, for the period for which the fee is indicated or the period necessary to prevent abandonment of the above-identified application if longer than the period for which the fee is indicated.

EXTENSION (Months)	FEE FOR LARGE ENTITY		FEE FOR SMALL ENTITY	
One Month		\$110.00		\$55.00
Two Month		\$390.00		\$195.00
Three Month		\$890.00		\$445.00
Four Month		\$1,390.00		\$695.00
Fifth Month		\$1,890.00		\$945.00

## 8. Method of Payment:

- ( ) A check(s) in the amount(s) of \$\_\_\_\_\_ to cover Extension of Time Fee is enclosed.
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 50-1214.
9. (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in triplicate.
10. (X) Also enclosed: Letter to the Official Draftsperson and substitute formal drawings in compliance with 37 CFR 1.84.

Dated: September 30, 2002

  
John S. Paniaguas, Registration No. 31,051

KATTEN MUCHIN ZAVIS ROSENMAN  
525 West Monroe Street, Suite 1600  
Chicago, Illinois 60661-3693  
Telephone: (312) 902-5312  
Facsimile: (312) 577-4532

**UTILITY PATENT APPLICATION TRANSMITTAL**

(for Noncontinuing, Nonprovisional  
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 11843/22

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R.  
§1.53(b) is the nonprovisional, noncontinuation  
patent application for:

Title: **Electron Impact Ion Source**

First Named Inventor or  
Application Identifier: **Horsky**

) CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
 ) "Express Mail" Mailing Label Number  
 ) EL547618829US  
 ) Date of Deposit: June 26, 2002  
 ) I hereby certify that this paper or fee is being  
 ) deposited with the United States Postal Service  
 ) "Express Mail Post Office to Addressee" Service under  
 ) 37 CFR §1.10 on the date indicated above and is  
 ) addressed to the Commissioner for Patents,  
 ) Washington, D.C. 20231.  
 ) Molly M. Michaels  
 ) (Typed or printed name of person mailing)  
 ) Molly M. Michaels  
 ) (Signature of person mailing)

1. Utility Patent Application:

14 pages of the specification (*including claims*) are enclosed.

5 sheet(s) of drawings are enclosed. ( ) Formal (X) Informal

2. Declaration and Power of Attorney:

- ( ) An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.  
(X) The names of persons believed to be the actual inventors are set forth in the enclosed *unexecuted* Oath or Declaration and Power of Attorney (§1.41(a) and §1.53(b)).

3. Assignment:

- ( ) Assignment(s) of the invention to \_\_\_\_\_ and cover sheet are enclosed.  
( ) A check in the amount of \$\_\_\_\_\_ to cover the fee for recording the assignment(s) is enclosed. (\$40.00 per assignment.)

4. ( ) A 37 C.F.R. §3.73(b) Statement is enclosed (*where an Assignee seeks to take action in a matter before the Patent Office*).

**UTILITY PATENT APPLICATION**  
Attorney Docket No. 11843/22

5.  An Information Disclosure Statement is enclosed.
- A Form PTO-1449 is enclosed.
- References (copies) listed on the Form PTO-1449 are enclosed.
6.  A Return Receipt Postcard is enclosed (MPEP §503).
7.  Priority of application number \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119.
- A certified copy of the priority document is enclosed.
8.  A MicroFiche Computer Program (Appendix) is enclosed.
9.  A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
10.  A Computer Readable Copy is enclosed.
11.  A Paper Copy (*Identical to Computer Copy*) is enclosed.
12.  Small Entity Status is claimed under 37 C.F.R. §1.27.
13. The filing fee is calculated below:

CLAIMS AS FILED – INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		LARGE ENTITY	
	NO. FILED	NO. EXTRA	RATE	Fee	RATE	Fee
<b>BASIC FEE</b>				<b>\$370.00</b>		<b>\$740.00</b>
<b>TOTAL</b> (No. of claims – 20=)	10	--	X \$9.00	--	X \$18.00	
<b>INDEP.</b> (No. of claims – 3=)	1	--	X \$42.00	--	X \$84.00	
<b>Assumed no multiple dependent claims – <input type="checkbox"/></b> <b>First Presentation of Multiple Dependent Claim</b>			+ \$135.00	\$370.00	+ \$270.00	
<b>Filing Fee =</b>			\$370.00			

UNITED STATES PATENT APPLICATION  
Attorney Docket No. 11843/22

14. Method of Payment of Fees

- (X) Enclosed is a firm check in the amount of: \$370.00
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 50-1214.
- ( ) The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.
15. ( ) A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.
16. (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in triplicate.
17. ( ) Also enclosed:

Please address all future communications to:

*Katten Muchin Zavis Rosenman*  
Attention: Patent Administrator  
525 West Monroe Street, Suite 1600  
Chicago, Illinois 60661-3693

Respectfully Submitted,

June 26, 2002  
(Date)

By:   
John S. Paniaguas, Reg. No. 31,051

*Katten Muchin Zavis Rosenman*  
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Chicago, Illinois 60661-3693  
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